



U.S. PATENT AND TRADEMARK OFFICE

Form PTO-1595

U.S. Department of Commerce

RECORDATION FORM COVER SHEET - PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

(1) Name of conveying party(ies): a) D.F. Ault _____ b) E.S. Bender _____ c) J.K. Franks _____ d) J.A. Helmbold _____ e) _____ f) _____ More names attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		(2) Name and address of receiving party(ies): Name: INTERNATIONAL BUSINESS Internal Address: MACHINES CORPORATION Armonk, New York 10504 More names attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
(3) Nature of Conveyance: <input type="checkbox"/> Assignment Application number: 08/187,675 Filed with new application: <input type="checkbox"/> yes <input checked="" type="checkbox"/> no Execution date(s): a) 01/27/94 _____ b) 01/27/94 _____ c) 01/27/94 _____ d) 01/27/94 _____ e) _____ f) _____ Additional numbers attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		
(4) Name and address of party to whom correspondence concerning document should be mailed: Name: William A. Kinnaman IBM Corporation Intellectual Property Law, 31BA/058 Neighborhood Road Kingston, New York 12401		(5) Total # of applications and patents involved: <u>01</u> (6) Total fee (37 CFR 3.41): \$ <u>40.00</u> . Charge to Deposit Account 09-0459. A duplicate of this sheet is enclosed.
DO NOT USE THIS SPACE		
(7) Statement and Signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.		
Louise M. Calamari		Signature <u>Louise M. Calamari</u> Date <u>02/14/94</u>
Total # of pages comprising cover sheet: 03		
RF11440 02/24/94 08187675	09-0459 110 581	40.00/KG

Express Mail Label No. (if applicable): _____ Docket No.:KI9-94-001

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ASSIGNMENT BRANCH
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A S S I G N M E N T

Whereas, we

Donald Fred Ault County of Dutchess	of Hyde Park and State of New York
Ernest Scott Bender County of Ulster	of Saugerties and State of New York
Jon Kevin Franks County of Ulster	of Saugerties and State of New York
John Arthur Helmbold County of Ulster	of Kingston and State of New York

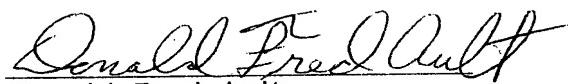
have invented certain improvements in QUIESCE TERMINATION/
SUSPENSION IN A MULTITHREADED ENVIRONMENT
and executed a United States Patent Application therefor on
January 27, 1994 Jan 27 1994, JANUARY 27, 1994,
and JANUARY 27, 1994. under Serial #08/187,675.

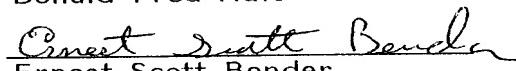
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York, 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

Signed and sealed

- (1) at Kingston, N.Y.
on 1/27/94
- (2) at Kingston, N.Y.
on 1/27/94
- (3) at KINGSTON, N.Y.
on 1/27/94
- (4) at KINGSTON, N.Y.
on 1/27/94


Donald Fred Ault


Ernest Scott Bender


Jon Kevin Franks


John Arthur Helmbold

REC'D - 86-1 FILED - 30

State of New York)
County of Ulster) ss.:

- (1) On this 27th day of January 1994, before me personally came Donald Fred Ault to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Louise M. Calamari
Notary

LOUISE M. CALAMARI
NOTARY PUBLIC, State of New York
Qualified in Ulster County
Commission Expires 6-15-95

State of New York)
County of Ulster) ss.:

- (2) On this 27th day of January 1994, before me personally came Ernest Scott Bender to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Louise M. Calamari
Notary

LOUISE M. CALAMARI
NOTARY PUBLIC, State of New York
Qualified in Ulster County
Commission Expires 6-15-95

State of New York)
County of Ulster) ss.:

- (3) On this 27th day of January 1994, before me personally came Jon Kevin Franks to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Louise M. Calamari
Notary

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NOTARY PUBLIC, State of New York
Qualified in Ulster County
Commission Expires 6-15-95

State of New York)
County of Ulster) ss.:

- (4) On this 27th day of January 1994, before me personally came John Arthur Helmbold to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Louise M. Calamari
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Total # of pages comprising cover sheet: 03	

Express Mail Label No. (if applicable): _____ Docket No.: KI9-94-001

ASSIGNMENT

Whereas, we

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Ernest Scott Bender County of Ulster	of Saugerties and State of New York
Jon Kevin Franks County of Ulster	of Saugerties and State of New York
John Arthur Helmbold County of Ulster	of Kingston and State of New York

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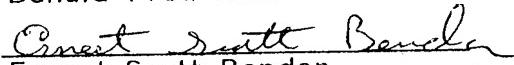
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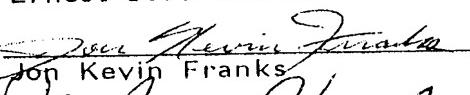
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and the invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

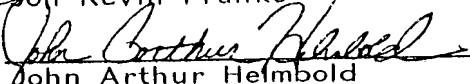
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on 1/27/94


Donald Fred Ault


Ernest Scott Bender


Jon Kevin Franks


John Arthur Helmbold

State of New York)
County of Ulster) ss.:

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NOTARY PUBLIC, State of New York
Qualified in Ulster County
Commission Expires 6-15-95

State of New York)
County of Ulster) ss.:

- (2) On this 27th day of January 1994, before me personally came Ernest Scott Bender to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

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NOTARY PUBLIC, State of New York
Qualified in Ulster County
Commission Expires 6-15-95

State of New York)
County of Ulster) ss.:

- (3) On this 27th day of January 1994, before me personally came Jon Kevin Franks to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Louise M. Calamari
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LOUISE M. CALAMARI
NOTARY PUBLIC, State of New York
Qualified in Ulster County
Commission Expires 6-15-95

State of New York)
County of Ulster) ss.:

- (4) On this 27th day of January 1994, before me personally came John Arthur Helmbold to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

Louise M. Calamari
Notary

LOUISE M. CALAMARI
NOTARY PUBLIC, State of New York
Qualified in Ulster County
Commission Expires 6-15-95



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

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OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

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DATE: 03/15/94

TO:

N05A

WILLIAM A. KINNAMAN
IBM CORPORATION
INTELLECTUAL PROPERTY LAW, 31BA/058
NEIGHBORHOOD ROAD
KINGSTON, NY 12401

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR: AULT, DONALD F. DOC DATE: 01/27/94

ASSIGNOR: BENDER, ERNEST S. DOC DATE: 01/27/94

ASSIGNOR: FRANKS, JON K. DOC DATE: 01/27/94

ASSIGNOR: HELMBOLD, JOHN A. DOC DATE: 01/27/94

RECORDATION DATE: 02/17/94 NUMBER OF PAGES 003 REEL/FRAME 6861/0629

DIGEST : ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
INTERNATIONAL BUSINESS MACHINES CORPORATION
ARMONK, NY 10504

SERIAL NUMBER 8-187675 FILING DATE 01/27/94
PATENT NUMBER ISSUE DATE 00/00/00

Keith Boode
EXAMINER/PARALEGAL
ASSIGNMENT BRANCH
ASSIGNMENT/CERTIFICATION SERVICES DIVISION